

Bolt Assist

DESCRIPTION

Connection system mated by action of bolt screw down feature. Can be used in situation where unassisted insertion force is greater than 250N.

BENEFITS

- Unlimited reduction ratio
- Can reduce number of connector assemblies required

SPECIFICATIONS

Material	Connector	HPA
	Male Terminal	Copper Alloy (Sn/Au Plate)
	Female Terminal	Copper Alloy (Sn/Au Plate)
Operating Temperature Range		-40°C ~ 100°C (120°C max temp.) (USCAR Class II)
Operating Temperature Range		-40°C ~ 125°C (145°C max temp.) (USCAR Class III)
Voltage Drop		10mV <max (Term./Term.) (Crimp-To-Crimp)
Isolation resistance		500VDC, 20MΩ Min
Dielectric Resistance		1000VAC (1 min.)



Pole	Polarity	Color / Description	Female Part #	Wire Shield
26	A	Black 20x2.8, 6x6.3/HPA	7283-5631-30	
26	B	Light Grey 20x2.8, 6x6.3/HPA	7283-5632-40	
36	A	Black 20x1.5, 12x2.8, 4x6.3/PBT	7283-4846-30	7134-4691
68	A	Black 56x1.5, 8x2.8, 4x6.3/PBT	7283-4847-30	7134-4692

Terminals

Description		Part Number	Plating	Applicable Wire Size		
				Europe (mm ²)	U.S.A. (AWG)	Japan (mm ²)
Male Terminal	1.5mm	7114-4100-02/-08	Sn/Au	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
		7114-4101-02/-08	Sn/Au	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
	2.8mm	7114-4110-02	Sn	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
		7114-4111-02	Sn	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
		7114-4112-02	Sn	1.5 ~ 2.5	14	2.0
	6.3mm	7114-4120-02	Sn	0.5 ~ 1.0	20 ~ 16	0.5 ~ 1.25
		7114-4121-02	Sn	1.5 ~ 2.5	14	2.0
		7114-4122-02	Sn	4.0	12	3.0
	Female Terminal	1.5mm	7116-4100-02/-08	Sn/Au	0.35 ~ 0.5	22 ~ 20
7116-4101-02/-08			Sn/Au	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
2.8mm		7116-4110-02	Sn	0.35 ~ 0.5	22 ~ 20	0.3 ~ 0.5
		7116-4111-02	Sn	0.75 ~ 1.0	18 ~ 16	0.85 ~ 1.25
		7116-4112-02	Sn	1.5 ~ 2.5	14	2.0
6.3mm		7116-4120-02	Sn	0.5 ~ 1.0	20 ~ 16	0.5 ~ 1.25
		7116-4121-02	Sn	1.5 ~ 2.5	14	2.0
		7116-4122-02	Sn	4.0	12	3.0

For more information, contact info@us.yazaki.com